

Converting Colors

$Y_{xy}(14.8077, 0.4139, 0.4909)$

Have a look what the booklet for
Yxy(14.8077, 0.4139, 0.4909)
contains.

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Color

Yxy(14.8641, 0.4133, 0.4917)

Conversions

Conversions Part 1

Format	Color
Hex	706F14
RGB	112, 111, 20
RGB Percent	44%, 44%, 8%
CMY	0.5607, 0.5647, 0.9216
CMYK	0.00, 0.01, 0.82, 0.56
HSL	59°, 70%, 26%
HSV	59°, 82%, 44%
XYZ	12.4941, 14.8641, 2.8719
YIQ	100.9250, 29.8070, -28.0890

Conversions

Conversions Part 2

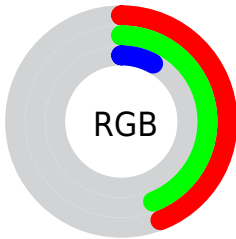
Format	Color
R_{YB}	21, 112, 20
Decimal	7368468
CIE _{Lab}	45.45, -10.63, 46.41
CIE _{LCh}	45, 47.612, 102.902
Yxy	14.8641, 0.4133, 0.4917
Android (android.graphics.Color)	4285558548 (0xFF706F14)
YUV	100.9250, -39.8960, 9.7128
Hunter-Lab	38.5540, -9.6236, 22.5713

Details

The Yxy color **14.8641, 0.4133, 0.4917** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.8554, 0.1670, 0.0890**, and the grayscale version is **13.0933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4155, 0.3953, 0.4562**, and **4.6589, 0.4121, 0.5110** is the 20% darker color. If you saturate the color by 10%, you get **14.8066, 0.4181, 0.4991**, and if you desaturate by 10%, it is **14.9413, 0.4061, 0.4804**.

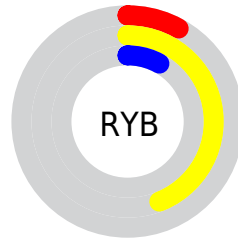
Distribution



Red (44%)

Green (44%)

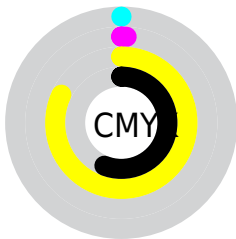
Blue (8%)



Red (8%)

Yellow (44%)

Blue (8%)

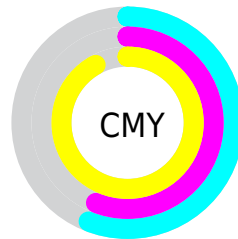


Cyan (0%)

Magenta (1%)

Yellow (82%)

Black (56%)



Cyan (56%)


Magenta (56%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8641, 0.4133, 0.4917 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 14.8641, 0.4133, 0.4917 by changing the saturation by 10% instead.


 14.8641, 0.4133,
0.4917


 14.8641, 0.4133,
0.4917


222.5422, 0.3605,
0.3984


 8.7241, 0.4232,
0.5159


 34.6146, 0.3951,
0.4559


 4.5616, 0.4416,
0.5584

 48.9938, 0.3878,
0.4428


 1.9924, 0.4266,
0.5734

 66.8883, 0.3814,
0.4320

 0.6031, 0.3422,
0.6578


 88.6823, 0.3760,
0.4230


 0.0000, 0.0000,
0.0000

 114.7603, 0.3713,
0.4154


 145.5067, 0.3672,


0.4089

 181.3059, 0.3636,
0.4033


 14.8641, 0.4133,
0.4917


 14.8641, 0.4133,
0.4917


 14.8066, 0.4181,
0.4991

 14.9413, 0.4061,
0.4804

 14.7662, 0.4212,
0.5038

 15.0383, 0.3967,
0.4654

 15.1580, 0.3854,
0.4471

 15.3018, 0.3725,
0.4263

 15.4714, 0.3587,
0.4038

■ 15.6682, 0.3443,
0.3805

■ 15.8935, 0.3298,
0.3569

■ 16.1484, 0.3157,
0.3339

■ 16.4342, 0.3021,
0.3117

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.8641, 0.4799, 0.4326



14.8641, 0.4133, 0.4917



14.8641, 0.3259, 0.5073

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.8641, 0.4133, 0.4917



14.8641, 0.1537, 0.2471



14.8641, 0.3722, 0.2433

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.8641, 0.4133, 0.4917



1.8554, 0.1670, 0.0890

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.8641, 0.2742, 0.2040



14.8641, 0.4133, 0.4917



14.8641, 0.1619, 0.2005

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.8641, 0.4133, 0.4917



14.8641, 0.1787, 0.3351



14.8641, 0.2015, 0.1884



14.8641, 0.4625, 0.2998

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.8641, 0.4133, 0.4917



14.8641, 0.2668, 0.4737



14.8641, 0.2015, 0.1884



14.8641, 0.3382, 0.2279

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.8648, 0.4133, 0.4917



27.3912, 0.3493, 0.3887



4.0018, 0.5793, 0.3277



6.5580, 0.3533, 0.3951



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8648, 0.4133, 0.4917



25.9295, 0.4209, 0.5033



12.8543, 0.3471, 0.5393



3.9102, 0.3253, 0.3496



17.0639, 0.4212, 0.5038



84.9138, 0.4213, 0.5037

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1.8554, 0.1670, 0.0890



2.1305, 0.1509, 0.0620



2.7760, 0.2246, 0.1172



3.3058, 0.2996, 0.3076



1.3811, 0.1503, 0.0612



6.7963, 0.1501, 0.0605

Previews

White Background



This preview shows how the Yxy color 14.8641, 0.4133, 0.4917 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.8641, 0.4133, 0.4917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

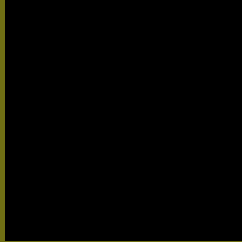
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.8641, 0.4133, 0.4917

Background



This preview shows how black text looks on a background with the Yxy color 14.8641, 0.4133, 0.4917.



This preview shows how white text looks on a background with the Yxy color 14.8641, 0.4133, 0.4917.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.8641, 0.4133, 0.4917

Protanopia

14.8371, 0.4314, 0.4790

Deuteranopia

14.7238, 0.4574, 0.4514



Tritanopia

14.7701, 0.3249, 0.3131

Trichromacy



Original Color

14.8641, 0.4133, 0.4917

Protanomaly

14.8358, 0.4255, 0.4835

Deuteranomaly

14.6770, 0.4425, 0.4653

Tritanomaly

14.5711, 0.3652, 0.3875

Monochromacy



Original Color

14.8641, 0.4133, 0.4917

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.5743, 0.3571, 0.4024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8641, 0.4133, 0.4917 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(112, 111, 20)` looks like.

```
.text, #text, p{  
    color:rgb(112, 111, 20)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(112, 111, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 111, 20) }
```

Border

The CSS property to change the border of an element to Yxy 14.8641, 0.4133, 0.4917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 111, 20) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(112, 111, 20) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(112, 111, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 111, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 111, 20);  
box-shadow:4px 4px 4px 4px rgb(112, 111,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8641, 0.4133, 0.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 111, 20) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(112,  
111, 20) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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